

# Quantitative Approaches to Public Policy – Conference in Honour of Professor T. Krishna Kumar (QAPP-TKK)

Held in conjunction with the  
Fourth Annual International Conference on Public Policy and Management  
Indian Institute of Management Bangalore (IIMB)

9-12 August 2009

Coordinators: Sushanta K. Mallick, Srijit Mishra, Rajluxmi V. Murthy



School of Business and Management  
Queen Mary, University of London  
London, United Kingdom



Indira Gandhi Institute of  
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Mumbai, India



Centre for Public Policy  
Indian Institute of Management  
Bangalore, India

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## Programme Schedule

Sunday 9 August 2009	18.00 to 20.00	Inaugural
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(Dr. Y. V. Reddy, Former Governor, RBI)

Monday 10 August 2009	9.00 to 10.15	Keynote-1
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10:15 – 10:30 Tea/Coffee Break

Monday 10 August 2009	10:30 to 11.45	Honouring T. Krishna Kumar
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Chair-cum-[Inaugural address](#): V.M. Rao

Speakers: Semoon Chang, K. Surekha Rao, T.V.S. Ramamohan Rao, Sushanta Mallick, and Srijit Mishra

### [Quantitative Methods and Public Policy \(A Professional Autobiographical Journey\)](#)

T. Krishna Kumar

[Messages](#): C.R. Rao, K.S. Krishnaswamy, K. Kalirajan and Others

[Speech by T. Krishna Kumar](#) (read by his brother Thomas K. Rao)

11:45 – 12:00 Tea/Coffee Break

Monday 10 August 2009	12:00 to 13:15	Econometric Methodology
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Chair: R.S. Deshpande

### [Selected Problems in the Analysis of Non-stationary & Nonlinear Time Series](#)

Dilip M. Nachane, Director, IGIDR Mumbai

### [On the J-test for the Non-nested Hypotheses and a Bayesian Extension](#)

Moheb Ghali, Western Washington University, USA

John M. Krieg, Western Washington University, USA

K. Surekha Rao, Indiana University Northwest, USA

### [Importance of Non-Parametric Density Estimation with Old Econometric Illustrations](#)

T. Krishna Kumar, Samkhya Analytica India Private Limited, Bangalore

Joseph Markmann, 66, Holke Road, Doyles Town, Pennsylvania, 18901, USA.

13:15 – 14:30 Lunch

Monday 10 August 2009

14.30 to 15.45

Applied Modelling/Policy Limits

Chair: T.V.S. Ramamohan Rao

[Best Execution of a Trade: An Adaptive Approximate Dynamic Programming Approach using Actor-Critic](#)

Paris Pennesi, RBS, London, UK

Gangadhar Darbha, RBS, London, UK

[Econometric and Stochastic General Equilibrium Models for Evaluation of Macro Economic Policies](#)

Keshab Bhattarai, University of Hull, UK

Global Oil Price Rise and Policy Options for the Indian Economy: An Analysis Using a CGE Model ([Abstract](#), presented on 12th in the session on Theory and Practice)

Manoj Panda, CESS, Hyderabad

A. Ganesh-Kumar, IGIDR, Mumbai

[Policy Making in India for Rural Development: The Contextual Limits to Quantitative Approaches](#)

V. M. Rao, ISEC, Bengaluru

15:45 – 16:00 Tea/Coffee Break

Monday 10 August 2009

16.00 to 17.15

Finance and Market

Chair: Gopal Naik

[Securitization, Ratings, and Regulatory Practices](#)

T.V.S. Ramamohan Rao, IIT, Kanpur

[From the Great Moderation to Uncharted Territory: Analysis of the U.S. Recovery Packages](#)

Semmoon Chang, University of South Alabama, USA

[Price Discovery and Volatility Spillovers in Futures and Spot Commodity Markets: Some Empirical Evidence from India](#)

Mantu Kumar Mahalik, IIT, Chennai

Debashis Acharya, University of Hyderabad, Hyderabad

Suresh Babu M., IIT, Chennai

[Export Intensity and Financial Policies of Indian Firms](#)

Elena Goldman, Pace University, USA

P.V. Viswanath, Pace University, USA

19:00 Dinner

Tuesday 11 August 2009 09:00 to 10.15 Keynote-2

10:15 – 10:30 Tea/Coffee Break

Tuesday 11 August 2009 10.30 to 11.45 Poverty and Nutrition

Chair: K.N. Murty

[Policies for the Poor: Verifying the Information Base?](#)

M.H. Suryanarayana, IGIDR, Mumbai

[Poverty and Under-nutrition among Scheduled Tribes in India: A Disaggregated Analysis](#)

Amaresh Dubey, JNU, New Delhi

Determinants of Nutritional Status of Children in Rural India: NFHS 2005-06 Results  
([Abstract](#))

Prakriti Shukla, DSE, New Delhi

J.V. Meenakshi, DSE, New Delhi

Rekha Sharma, Sri Guru Gobind Singh College of Commerce, University of Delhi

Sanghamitra Das, ISI, New Delhi

[Macroeconomic Policy and Poverty Reduction in India](#)

Sushanta Mallick, Queen Mary, University of London, UK

Tuesday 11 August 2009 12.00 to 13.15 Gender and Governance

Chair: Gita Sen

[My Money but not My Time: Microcredit and Woman's Time-Use, Evidence from Rural India](#)

Supriya Garikipati, University of Liverpool, UK

[Does Governance Improve with Globalisation? A Case Study of Village Level Institutions in Maharashtra, India](#)

Dhanmanjiri Sathe, University of Pune

[Census Based Accessibility Index: A Tool for Policy Initiatives Evaluation](#)

Shailendra Singh Bisht, ICFAI Business School, Hyderabad

Vishal Mishra, ICFAI Business School, Hyderabad

Sanjay Fuloria, ICFAI Business School, Hyderabad

[Gender Development Index: Two Corrections](#)

Hippu Salk Kristle Nathan, IGIDR, Mumbai

Priya Rampal, IFMR, Chennai

Srijit Mishra, IGIDR, Mumbai

13:15 – 14:30 Lunch

Tuesday 11 August 2009 14.30 to 15.45 Trade, Infrastructure and Human Development

Chair: Kunal Sen

[Effect of Trade liberalization on Volatility: The Experience of Indian Agriculture](#)

Nilabja Ghosh, Institute of Economic Growth, New Delhi  
Sangeeta Chakravarty, Institute of Economic Growth, New Delhi

[Performance of India's Tea Exports: A Comparative Study of Major Tea Exporting Countries of The World](#)

B.H. Nagoor, Karnatak University, Dharwad

[Convergence of Human Development across Indian States](#)

Hiranmoy Roy, ICFAI Business School, Hyderabad  
Kaushik Bhattacharjee, ICFAI Business School, Hyderabad

[Macro Economic Effects of Public Investment in Infrastructure in India](#)

K. N. Murty, University of Hyderabad, Hyderabad  
A. Soumya, ICRIER, New Delhi

15:45 – 16:00 Tea/Coffee Break

Tuesday 11 August 2009 16.00 to 17.15 Indian Industry

Chair: Ashima Goyal

[Rain, Rain, Go Away: The Investment Climate, State Business Relations and Firm Performance in India](#)

Vinish Kathuria, IIT, Mumbai  
Rajesh R. Natarajan, Centre for Multidisciplinary Research, Dharward  
Kunal Sen, University of Manchester, UK

[Role of Management Decision Variables in Determining Technological Progress and Technical Efficiency in Indian Electronics Industry](#)

Rumki Majumdar, NCAER, New Delhi  
M.H. Bala Subrahmanya, Indian Institute of Science, Bengaluru

[Evaluating the Comparative Performance of District Head Quarters Hospitals, 2002-07: A Non-parametric Malmquist Approach](#)

Umakanta Dash, IIT, Chennai

[Price Structure of Housing Properties in India](#)

Ch. Sambasiva Rao, NCAER, New Delhi

19:00 Dinner

Wednesday 12 August 2009 09.00 to 10.15 Money and Banking

Chair: Mukul Asher

[Sustainable Debts and Deficits in Emerging Markets](#)

Ashima Goyal, IGIDR, Mumbai

[The Trends and Responsiveness of Personal Income Tax in India](#)

Ankita Gupta, M.G. Kashi Vidyapith, Varanasi

[Measurement of GVA in Indian Banks: Some Preliminary Results](#)

N.K.Unnikrishnan, RBI, Mumbai

Balwant Singh, RBI, Mumbai

[A Measure of Exchange Rate Volatility: Scenario Analysis of the Effect of RBI's Intervention in the Indian Forex Market](#)

G. Nagaraju, NIBM, Pune

10:15 – 10:30 Tea/Coffee Break

Wednesday 12 August 2009 10.30 to 11.45 Theory and Practice

Chair: Rajluxmi V. Murthy

[On Modeling and Measuring Potential Trade](#)

Adil Khan Miankhel, ANU, Australia

Sandre Thangavelu, Singapore National University

Kaliappa Kalirajan, ANU, Australia

[Contract Labour Act in India: A Pragmatic View](#)

Meenakshi Rajeev, ISEC, Bengaluru

Weak Aversion to GM Foods: Experimental Evidence from India ([Abstract](#))

Sangeeta Bansal, JNU, New Delhi

Sujoy Chakraborty, JNU, New Delhi

Bharat Ramaswami, ISI, New Delhi

[Counter Conflict through Mutuality: Lessons from Bayesian Updating](#)

Srijit Mishra, IGIDR, Mumbai

Wednesday 12 August 2009 12.00 to 13.15 Valedictory, 4CPPM

[Vote of Thanks for the QAPP-TKK Track](#)

Sushanta K. Mallick and Srijit Mishra

13:15 – 14:30 Lunch